

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 12-2004)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

112857-427

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/525187**INTERNATIONAL APPLICATION NO.  
PCT/JP2003/010898INTERNATIONAL FILING DATE  
28 August 2003PRIORITY DATE CLAIMED  
29 August 2002

## TITLE OF INVENTION

**INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING DEVICE AND METHOD, PROGRAM STORAGE  
MEDIUM, AND PROGRAM**

## APPLICANT(S) FOR DO/EO/US

Hiroyuki Koike

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☒ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV 351265889 US**
23. ☐ Other items or information:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. <b>10/925187</b> <small>(If known, see 37 CFR 1.5)</small>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/010898</b>		ATTORNEY'S DOCKET NUMBER <b>112857-427</b>	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee ..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee ..... \$500.00				\$ 500.00	
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	/50 =		x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x \$50.00	\$ 0.00	
Independent claims	14 - 3 =	11	x \$200.00	\$ 2,200.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 3,200.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
<b>SUBTOTAL =</b>				\$ 3,200.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 130.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 3,330.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 3,330.00	
Amount to be refunded:				\$	
Amount to be charged:				\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>3,330.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>02-1818</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>					
SEND ALL CORRESPONDENCE TO:					
<p><b>William E. Vaughan (Reg. No. 39,056)</b>  <b>Bell Boyd &amp; Lloyd</b>  <b>P.O. Box 1135</b>  <b>Chicago, Illinois 60690</b>  <b>312.807.4292</b></p>					
				SIGNATURE	
				William E. Vaughan	
				NAME	
				39,056	
				REGISTRATION NUMBER	

10/525187

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hiroyuki Koike  
Appl. No.: PCT/JP2003/010898  
Title: INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING DEVICE AND  
METHOD, PROGRAM STORAGE MEDIUM, AND PROGRAM  
Docket No.: 112857-427

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (duplicate);
2. International application as originally filed on 69 pages;
3. Preliminary Examination Report on 7 pages;
4. English translation 87 pages;
5. executed Declaration and Power of Attorney (3 pages);
6. Preliminary Amendment on 75 pages;
7. IDS on 2 pages, PTO 1449 on 1 page, search report, references;
8. Recordation cover sheet, executed assignment on 1 page, check for \$40.00;
9. Check in the Amount of \$3330.00; and
10. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on February 22, 2005.

Respectfully submitted,

BELL, BOYD &amp; LLOYD LLC

Heather Foster

Name of Person Mailing Correspondence



Signature

EV 351265889 US

Express Mail Mailing Label Number